

FILTER HOUSING ASSEMBLY FOR USE IN OXYGEN CONCENTRATORS AND OTHER COMPRESSORS

Abstract of Disclosure

A filter housing assembly including a substantially frusto-conical shaped housing member having an open end portion and a substantially closed dome shaped portion, the housing member being adaptable for receiving a filter member therewithin and having at least one opening extending through the dome shaped portion for allowing air to enter therewithin. A first end cap member adaptable for engaging one end portion of a filter member is receivable within the housing member, and a second end cap member adaptable for engaging the opposite end portion of a filter member is engageable with the housing member. The second end cap member includes an opening for allowing air to exit the housing member. The housing member includes a centering mechanism engageable with the first end cap member for facilitating centering of the filter member within the housing member when the first end cap member is positioned within the housing member.

Figures